

10/373406

Atty. Dkt. No. 017447-0194

1AP20 RECEIVED 27 MAR 2006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Koichi WATANABE et al.

Title: SPUTTERING TARGET AND PROCESS FOR PRODUCING Si  
OXIDE FILM THEREWITH

Appl. No.: Unassigned

Filing Date: 03/27/2006

Examiner: Unassigned

Art Unit: Unassigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the date of entry of the national stage as set forth in 37 CFR §1.491.

**RELEVANCE OF EACH DOCUMENT**

The relevance of non-English language documents A10, A15 and A19 is described in the present specification.

Documents A6-A9, A12-A14 and A16 listed on the attached PTO/SB/08 were cited as being relevant during a search of the corresponding International application. A copy of the International Search Report setting forth the portion of each reference considered relevant by the examiner is attached.

Documents A1, A3-A5, A11 and A17-A19 belong to the same “patent family,” whereby the English language document may assist the PTO in understanding the content of the non-English language document.

Documents A2 and A9 belong to the same “patent family,” whereby the English language document may assist the PTO in understanding the content of the non-English language document.

Unless otherwise indicated, no English translation is readily available (not considering machine-generated translations that may be freely available online, to both the Applicant and the PTO) for each of the non-English language documents. However, a commercially available English language abstract is provided herewith, where indicated on the attached Form PTO/SB/08. Inasmuch as Applicants have endeavored to provide at least one item that complies with the requirement for a “concise explanation of relevance” for each of the non-English language documents, each of these documents has been submitted in compliance with

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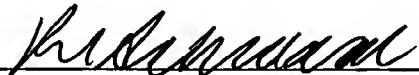
the PTO requirements and should be considered by the Examiner (37 CFR §1.97, §1.98 and MPEP §609).

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date March 27, 2006

By 

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b> Date Submitted: March 27, 2006 <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
Application Number		Unassigned <b>10573406</b>			
Filing Date		03/27/2006			
First Named Inventor		Koichi WATANABE			
Group Art Unit		Unassigned			
Examiner Name		Unassigned			
Attorney Docket Number		017447-0194			

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	6,193,856	B1	KIDA ET AL.	02-27-2001	
	A2	6,197,134	B1	KANZAKI ET AL.	03-06-2001	
	A3	6,334,938	B2	KIDA ET AL.	01-01-2002	
	A4	6,440,278	B1	KIDA ET AL.	08-27-2002	
	A5	6,743,343	B2	KIDA ET AL.	06-01-2004	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A6	JP	06-220625	A	TOKYO TUNGSTEN CO., LTD.	08-09-1994		Abst.
	A7	JP	07-026371	A	ASAHI GLASS CO., LTD.	01-27-1995		Abst.
	A8	JP	09-104972	A	HITACHI METALS LTD.	04-22-1997		Abst.
	A9	JP	10-195611	A	DOWA MINING CO., LTD.	07-28-1998		Abst.
	A10	JP	11-171596	A	SONY CORP.	06-29-1999		Abst.
	A11	EP	1 452 622	A2	ASAHI GLASS CERAMICS CO., LTD.	09-01-2004		
	A12	JP	2000-026957	A	MITSUBISHI MATERIALS CORP.	01-25-2000		Abst.
	A13	JP	2002-173765	A	TOSHIBA CORP., ET AL.	06-21-2002		Abst.
	A14	JP	2002-275625	A	HITACHI METALS LTD.	09-25-2002		Abst.
	A15	JP	2002-338354	A	KYOCERA CORP.	11-27-2002		Abst.
	A16	JP	2003-171760	A	TOSHIBA CORP.	06-20-2003		Abst.
	A17	DE	696 33 631		ASAHI GLASS CERAMICS CO.	11-18-2004		Abst.
	A18	EP	0 852 266	A1	ASAHI GLASS COMPANY LTD.	07-08-1998		
	A19	WO	97/08359	A1	ASAHI GLASS COMPANY LTD.	03-06-1997		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>	

Examiner Signature	/Jason Berman/	Date Considered	11/06/2009
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /J.B./